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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

8-5-2020

2020-08-05_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS SYMPTOMS

CUMULATIVE RECOVERED



CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

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View Cases

View Deaths

View Table

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

3-19

20-148

149-1314

1315-15029

15030+

Michigan

Wednesday, August 5, 2020

Michigan (Statewide) Case Fatality Rate

7.3%

Current Totals

Case Status	Cases	Deaths
Confirmed	84,707	6,221
Probable	9,186	257
Total	93,893	6,478

Laboratory Testing

Test Type	Tests Performed
Diagnostic	2,005,494
Serology	222,019
Total	2,227,513

Microsoft Power BI

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Q

X

Cases by Hispanic/Latino Ethnicity		
Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	2%
Non-Hispanic Latino	65%	83%
Unknown	27%	15%

Totals may not add to 100% due to rounding

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/3

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	2%	1%
Non-Arab	46%	45%
Unknown	52%	54%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 8/5/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 07/31/2020): **60,022**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on July 31, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to July 1, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

Source: Michigan Disease Surveillance System and Vital Records



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View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

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Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

3-19

20-148

149-1314

1315-15029

15030+

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Microsoft Power BI

< 1 of 7 >

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

Deaths by County

0

1-2

3-14

15-153

154-1578

1579+

Michigan

Wednesday, August 5, 2020

Michigan (Statewide) Case Fatality Rate

7.3%

Current Totals

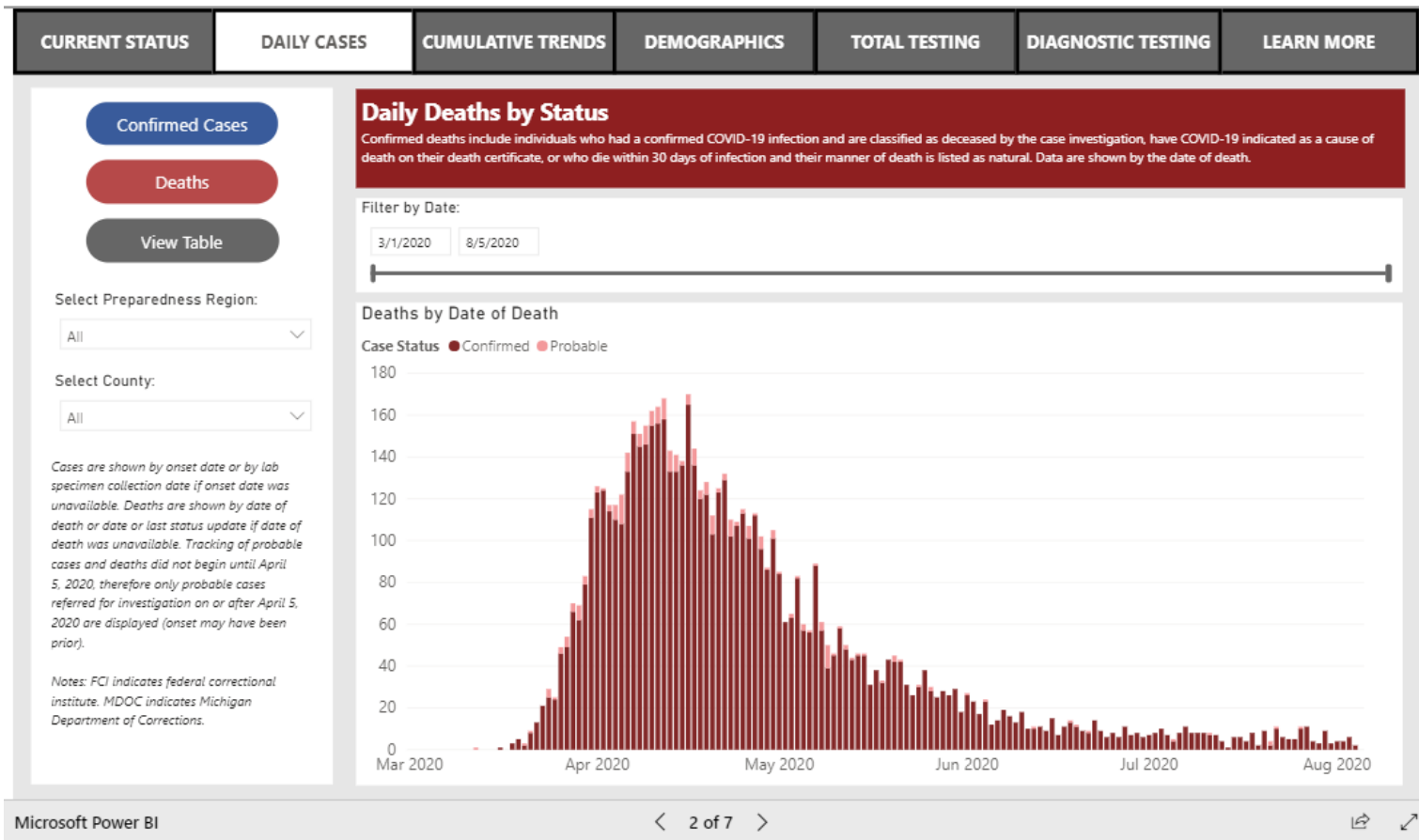
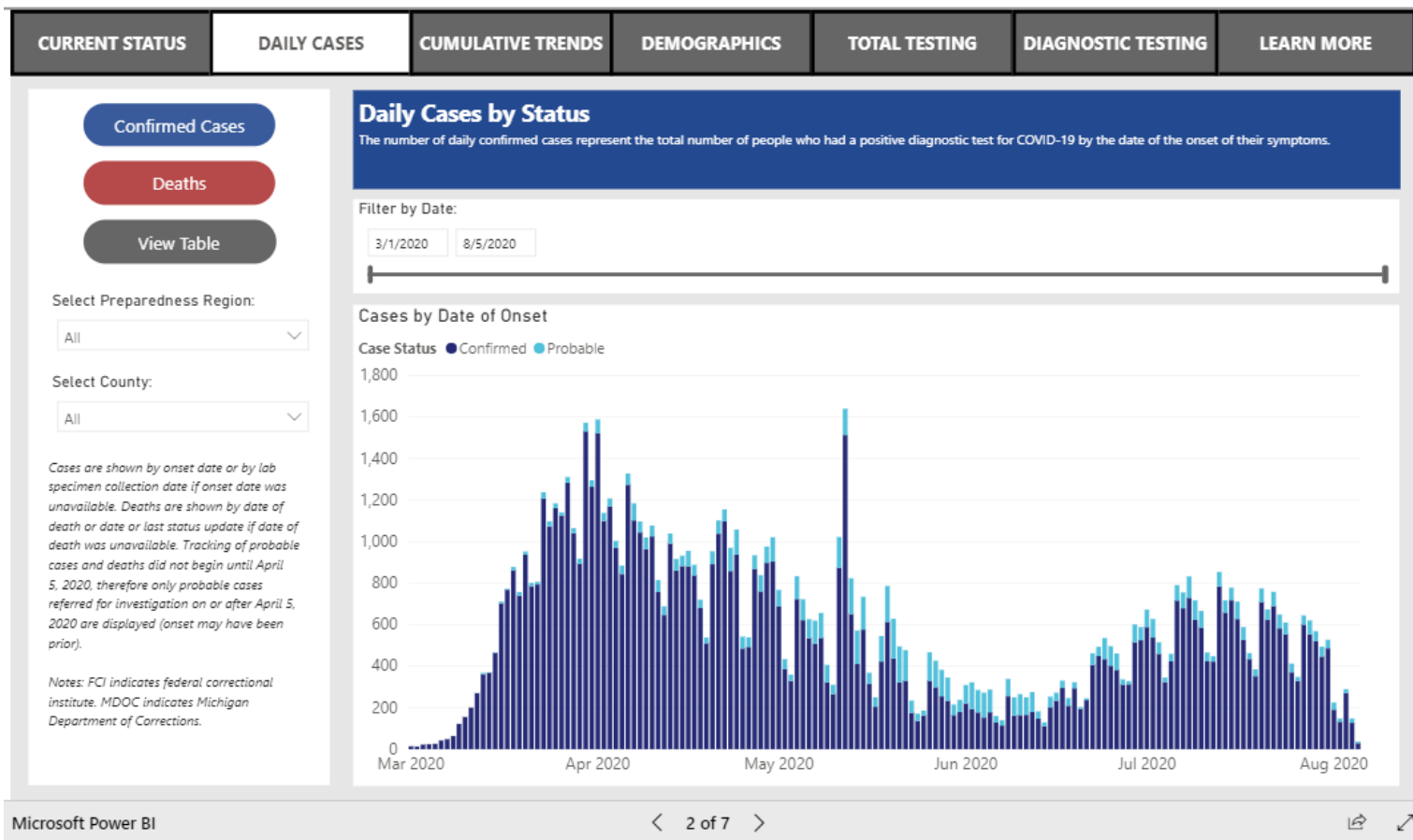
Case Status	Cases	Deaths
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Probable	9,186	257
Total	93,893	6,478

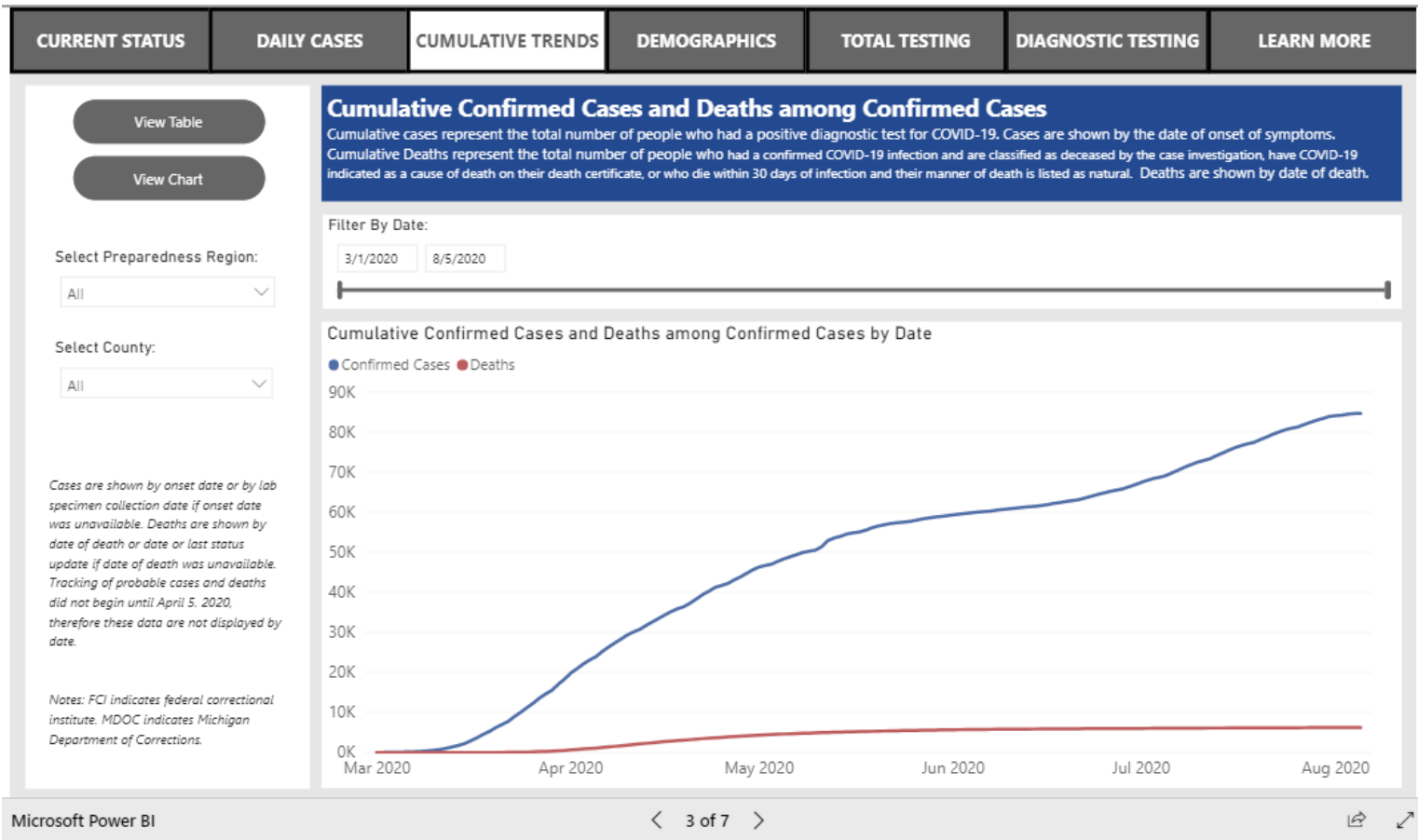
Laboratory Testing

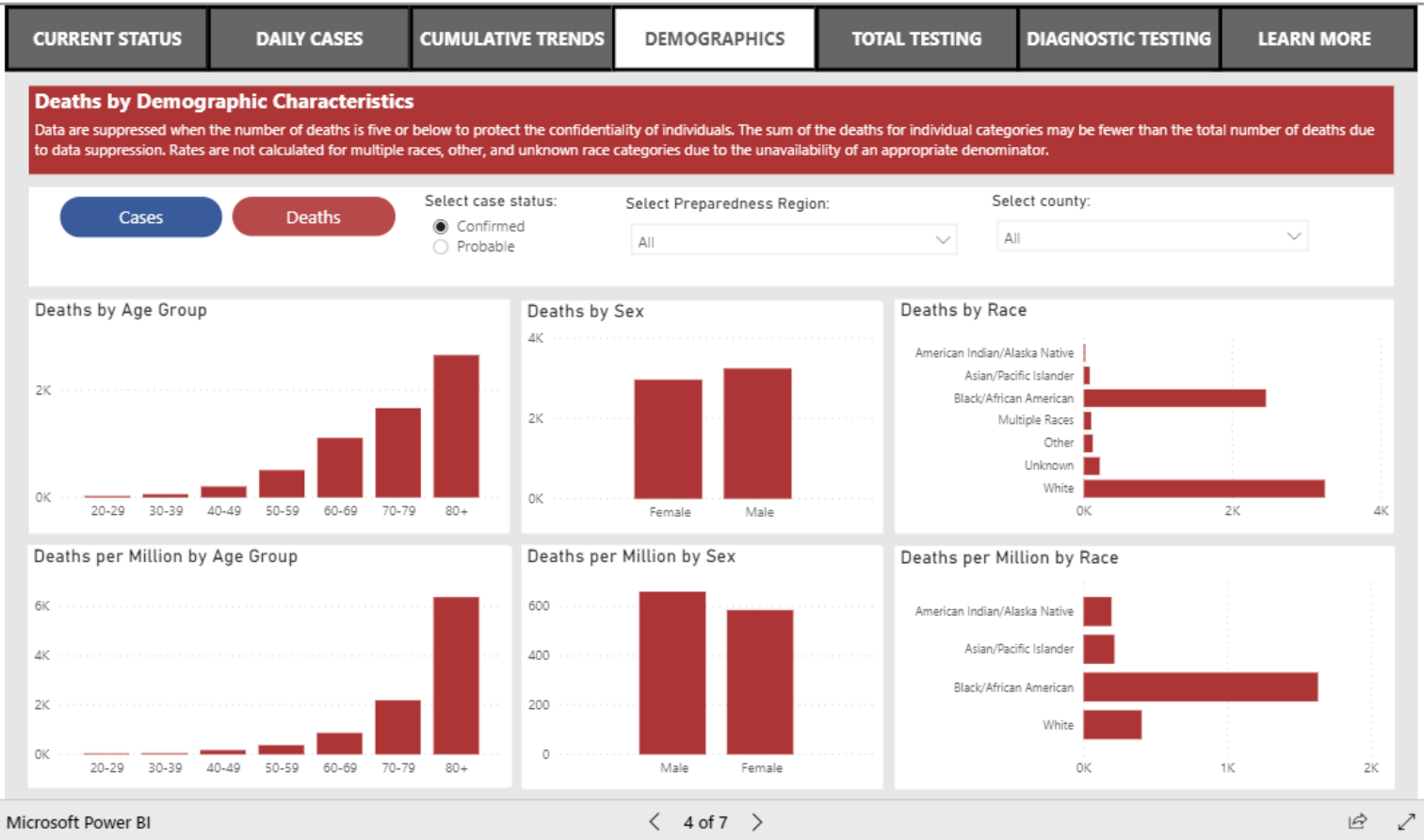
Test Type	Tests Performed
Diagnostic	2,005,494
Serology	222,019
Total	2,227,513

Microsoft Power BI

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Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



Deaths by Age Group

Deaths by Sex

Deaths by Race

Deaths per Million by Age Group

Deaths per Million by Sex

Deaths per Million by Race

View Table

View Charts

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) testand rapid virus antigen detection point of care (POC) tests.

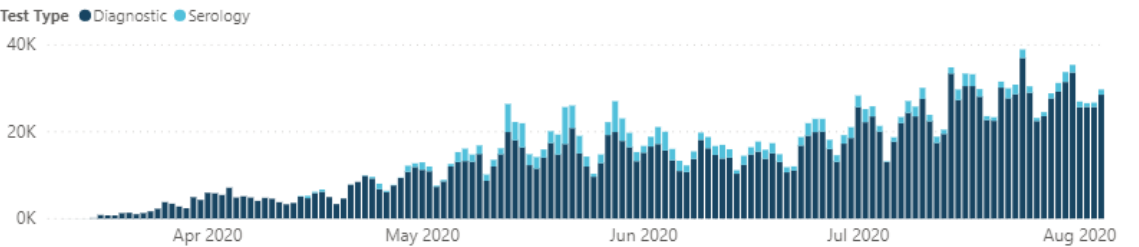
Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.



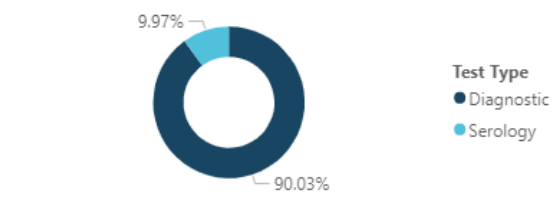
Total Laboratory Tests by Type and Date

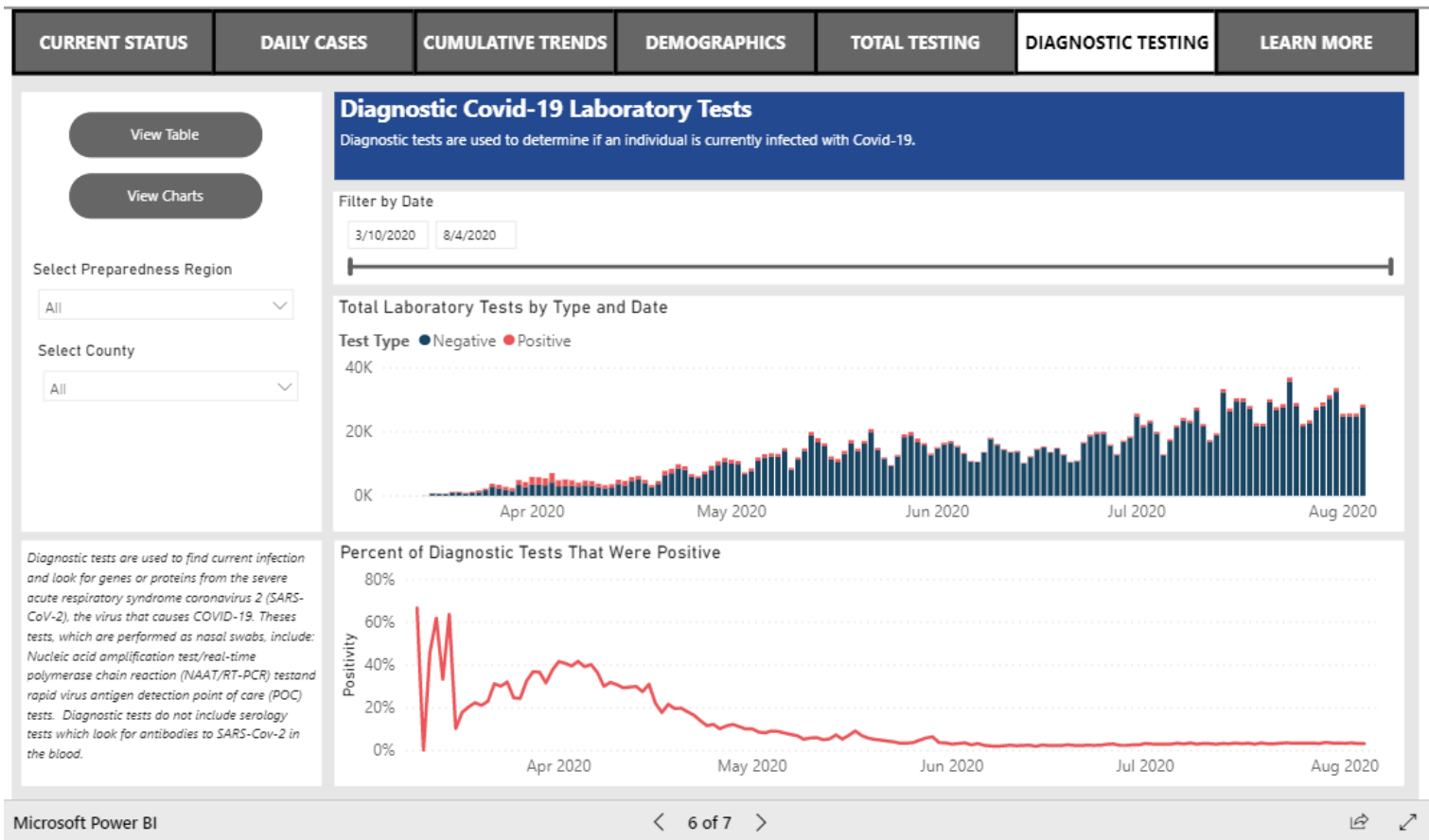


Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	2,005,494	200,727
Serology	222,019	22,222
Total	2,227,513	222,949

Percent of Tests Completed by Type





CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
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Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-08-05

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/08/05 13:50:16	Alcona	24	1	4	0
2020/08/05 13:50:16	Alger	7	0	1	0
2020/08/05 13:50:16	Allegan	451	7	53	0
2020/08/05 13:50:16	Alpena	113	13	14	0
2020/08/05 13:50:16	Antrim	37	0	3	0
2020/08/05 13:50:16	Arenac	37	3	4	0
2020/08/05 13:50:16	Baraga	5	0		
2020/08/05 13:50:16	Barry	144	2	26	0
2020/08/05 13:50:16	Bay	512	31	55	0
2020/08/05 13:50:16	Benzie	27	1	2	0
2020/08/05 13:50:16	Berrien	1135	65	180	1
2020/08/05 13:50:16	Branch	316	2	32	0
2020/08/05 13:50:16	Calhoun	670	40	98	1
2020/08/05 13:50:16	Cass	283	11	19	1
2020/08/05 13:50:16	Charlevoix	41	2	4	0
2020/08/05 13:50:16	Cheboygan	35	2	6	0
2020/08/05 13:50:16	Chippewa	25	0	11	0
2020/08/05 13:50:16	Clare	58	3	6	0
2020/08/05 13:50:16	Clinton	353	13	66	0
2020/08/05 13:50:16	Crawford	94	5	9	0
2020/08/05 13:50:16	Delta	66	3	19	0
2020/08/05 13:50:16	Dickinson	47	2	1	0
2020/08/05 13:50:16	Eaton	388	8	61	0
2020/08/05 13:50:16	Emmet	52	2	8	0
2020/08/05 13:50:16	Genesee	2876	270	705	25
2020/08/05 13:50:16	Gladwin	54	2	2	0
2020/08/05 13:50:16	Gogebic	99	1	6	0
2020/08/05 13:50:16	Grand Traverse	175	5	24	0
2020/08/05 13:50:16	Gratiot	132	15	14	0
2020/08/05 13:50:16	Hillsdale	234	25	19	0
2020/08/05 13:50:16	Houghton	42	0	7	0
2020/08/05 13:50:16	Huron	124	4	25	0
2020/08/05 13:50:16	Ingham	1455	30	48	0
2020/08/05 13:50:16	Ionia	238	5	34	0
2020/08/05 13:50:16	Iosco	109	11	20	1
2020/08/05 13:50:16	Iron	17	1		
2020/08/05 13:50:16	Isabella	179	9	25	0
2020/08/05 13:50:16	Jackson	681	32	20	1
2020/08/05 13:50:16	Kalamazoo	1462	81	126	1
2020/08/05 13:50:16	Kalkaska	37	4	12	0
2020/08/05 13:50:16	Kent	6673	151	663	3
2020/08/05 13:50:16	Keweenaw	2	0	1	0
2020/08/05 13:50:16	Lake	18	0	1	0
2020/08/05 13:50:16	Lapeer	371	32	81	1
2020/08/05 13:50:16	Leelanau	63	0	4	0
2020/08/05 13:50:16	Lenawee	370	12	39	0
2020/08/05 13:50:16	Livingston	662	27	143	1

2020/08/05 13:50:16	Luce	3	0		
2020/08/05 13:50:16	Mackinac	20	0	5	0
2020/08/05 13:50:16	Macomb	9570	900	362	37
2020/08/05 13:50:16	Manistee	33	0	1	0
2020/08/05 13:50:16	Marquette	133	11	13	0
2020/08/05 13:50:16	Mason	88	0	11	0
2020/08/05 13:50:16	Mecosta	57	2	5	0
2020/08/05 13:50:16	Menominee	102	0	9	0
2020/08/05 13:50:16	Midland	241	10	74	0
2020/08/05 13:50:16	Missaukee	27	1	14	0
2020/08/05 13:50:16	Monroe	817	21	118	1
2020/08/05 13:50:16	Montcalm	162	1	19	0
2020/08/05 13:50:16	Montmorency	7	0	1	0
2020/08/05 13:50:16	Muskegon	1096	58	47	0
2020/08/05 13:50:16	Newaygo	240	0	9	0
2020/08/05 13:50:16	Oakland	11769	1085	3261	42
2020/08/05 13:50:16	Oceana	446	6	21	0
2020/08/05 13:50:16	Ogemaw	39	2	14	0
2020/08/05 13:50:16	Ontonagon	6	0	1	0
2020/08/05 13:50:16	Osceola	62	0	8	0
2020/08/05 13:50:16	Oscoda	18	1	6	0
2020/08/05 13:50:16	Otsego	113	10	18	0
2020/08/05 13:50:16	Ottawa	1658	50	105	5
2020/08/05 13:50:16	Presque Isle	17	1	3	1
2020/08/05 13:50:16	Roscommon	45	0	6	0
2020/08/05 13:50:16	Saginaw	1798	126	110	3
2020/08/05 13:50:16	Sanilac	96	5	5	1
2020/08/05 13:50:16	Schoolcraft	12	0	1	0
2020/08/05 13:50:16	Shiawassee	309	27	26	1
2020/08/05 13:50:16	St Clair	667	52	123	1
2020/08/05 13:50:16	St Joseph	498	8	71	0
2020/08/05 13:50:16	Tuscola	295	29	29	0
2020/08/05 13:50:16	Van Buren	386	10	39	1
2020/08/05 13:50:16	Washtenaw	2159	112	312	0
2020/08/05 13:50:16	Wayne	13235	1194	692	36
2020/08/05 13:50:16	Wexford	58	4	10	0
2020/08/05 13:50:16	MDOC	4318	69	5	0
2020/08/05 13:50:16	FCI	190	5	4	0
2020/08/05 13:50:16	Out-of-State	80	0	1	1
2020/08/05 13:50:16	Unknown	3	0	6	0
2020/08/05 13:50:16	Detroit City	12841	1488	920	91

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-08-05

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Female	15	0
Confirmed	20-29	American Indian/Alaska Native	Female	35	0
Confirmed	30-39	American Indian/Alaska Native	Female	26	0
Confirmed	40-49	American Indian/Alaska Native	Female	33	0
Confirmed	50-59	American Indian/Alaska Native	Female	39	0
Confirmed	60-69	American Indian/Alaska Native	Female	17	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	13	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	15	0
Confirmed	10-19	Asian/Pacific Islander	Female	34	0
Confirmed	20-29	Asian/Pacific Islander	Female	128	0
Confirmed	30-39	Asian/Pacific Islander	Female	178	0
Confirmed	40-49	Asian/Pacific Islander	Female	172	0
Confirmed	50-59	Asian/Pacific Islander	Female	147	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	89	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	44	10
Confirmed	80+	Asian/Pacific Islander	Female	52	22
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	149	Suppressed
Confirmed	10-19	Black/African American	Female	377	Suppressed
Confirmed	20-29	Black/African American	Female	1788	Suppressed
Confirmed	30-39	Black/African American	Female	1861	8
Confirmed	40-49	Black/African American	Female	2002	51
Confirmed	50-59	Black/African American	Female	1935	104
Confirmed	60-69	Black/African American	Female	1791	222
Confirmed	70-79	Black/African American	Female	1245	302
Confirmed	80+	Black/African American	Female	999	412
Confirmed	Unknown	Black/African American	Female	0	0
Confirmed	0-9	Multiple Races	Female	48	0
Confirmed	10-19	Multiple Races	Female	176	0
Confirmed	20-29	Multiple Races	Female	578	0
Confirmed	30-39	Multiple Races	Female	506	0
Confirmed	40-49	Multiple Races	Female	613	Suppressed
Confirmed	50-59	Multiple Races	Female	634	Suppressed
Confirmed	60-69	Multiple Races	Female	402	Suppressed
Confirmed	70-79	Multiple Races	Female	179	11
Confirmed	80+	Multiple Races	Female	180	19
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	96	0
Confirmed	10-19	Other	Female	254	0
Confirmed	20-29	Other	Female	569	0
Confirmed	30-39	Other	Female	459	Suppressed
Confirmed	40-49	Other	Female	466	Suppressed
Confirmed	50-59	Other	Female	313	Suppressed
Confirmed	60-69	Other	Female	203	12

Confirmed	70-79	Other	Female	99	14
Confirmed	80+	Other	Female	96	20
Confirmed	Unknown	Other	Female	Suppressed	0
Confirmed	0-9	Unknown	Female	88	0
Confirmed	10-19	Unknown	Female	419	0
Confirmed	20-29	Unknown	Female	988	0
Confirmed	30-39	Unknown	Female	863	0
Confirmed	40-49	Unknown	Female	992	Suppressed
Confirmed	50-59	Unknown	Female	1008	6
Confirmed	60-69	Unknown	Female	767	16
Confirmed	70-79	Unknown	Female	462	28
Confirmed	80+	Unknown	Female	528	48
Confirmed	Unknown	Unknown	Female	6	0
Confirmed	0-9	White	Female	233	0
Confirmed	10-19	White	Female	1207	0
Confirmed	20-29	White	Female	3337	Suppressed
Confirmed	30-39	White	Female	2406	7
Confirmed	40-49	White	Female	2432	19
Confirmed	50-59	White	Female	2774	63
Confirmed	60-69	White	Female	2279	160
Confirmed	70-79	White	Female	1732	355
Confirmed	80+	White	Female	2833	1015
Confirmed	Unknown	White	Female	11	0
Confirmed	0-9	American Indian/Alaska Native	Male	8	0
Confirmed	10-19	American Indian/Alaska Native	Male	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Male	21	0
Confirmed	30-39	American Indian/Alaska Native	Male	28	0
Confirmed	40-49	American Indian/Alaska Native	Male	34	0
Confirmed	50-59	American Indian/Alaska Native	Male	31	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	22	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Male	14	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	26	0
Confirmed	10-19	Asian/Pacific Islander	Male	26	0
Confirmed	20-29	Asian/Pacific Islander	Male	148	0
Confirmed	30-39	Asian/Pacific Islander	Male	155	0
Confirmed	40-49	Asian/Pacific Islander	Male	144	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	124	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	92	11
Confirmed	70-79	Asian/Pacific Islander	Male	40	11
Confirmed	80+	Asian/Pacific Islander	Male	33	16
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	132	0
Confirmed	10-19	Black/African American	Male	330	Suppressed
Confirmed	20-29	Black/African American	Male	1275	11
Confirmed	30-39	Black/African American	Male	1436	27
Confirmed	40-49	Black/African American	Male	1641	69
Confirmed	50-59	Black/African American	Male	1952	188
Confirmed	60-69	Black/African American	Male	1911	336

Confirmed	70-79	Black/African American	Male	1244	408
Confirmed	80+	Black/African American	Male	584	302
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	49	0
Confirmed	10-19	Multiple Races	Male	161	0
Confirmed	20-29	Multiple Races	Male	411	0
Confirmed	30-39	Multiple Races	Male	386	0
Confirmed	40-49	Multiple Races	Male	432	Suppressed
Confirmed	50-59	Multiple Races	Male	454	Suppressed
Confirmed	60-69	Multiple Races	Male	332	21
Confirmed	70-79	Multiple Races	Male	168	14
Confirmed	80+	Multiple Races	Male	69	17
Confirmed	Unknown	Multiple Races	Male	0	0
Confirmed	0-9	Other	Male	114	0
Confirmed	10-19	Other	Male	273	0
Confirmed	20-29	Other	Male	596	Suppressed
Confirmed	30-39	Other	Male	556	Suppressed
Confirmed	40-49	Other	Male	498	Suppressed
Confirmed	50-59	Other	Male	342	7
Confirmed	60-69	Other	Male	216	23
Confirmed	70-79	Other	Male	115	17
Confirmed	80+	Other	Male	48	11
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	104	0
Confirmed	10-19	Unknown	Male	472	0
Confirmed	20-29	Unknown	Male	1014	Suppressed
Confirmed	30-39	Unknown	Male	974	Suppressed
Confirmed	40-49	Unknown	Male	1046	11
Confirmed	50-59	Unknown	Male	1091	9
Confirmed	60-69	Unknown	Male	802	20
Confirmed	70-79	Unknown	Male	409	26
Confirmed	80+	Unknown	Male	250	41
Confirmed	Unknown	Unknown	Male	9	0
Confirmed	0-9	White	Male	285	0
Confirmed	10-19	White	Male	1021	0
Confirmed	20-29	White	Male	2592	Suppressed
Confirmed	30-39	White	Male	2350	12
Confirmed	40-49	White	Male	2327	37
Confirmed	50-59	White	Male	2805	115
Confirmed	60-69	White	Male	2568	272
Confirmed	70-79	White	Male	1740	458
Confirmed	80+	White	Male	1520	721
Confirmed	Unknown	White	Male	6	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	0	0
Confirmed	10-19	Black/African American	Unknown	Suppressed	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	Suppressed	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	0	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	0	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	0	0
Confirmed	60-69	Other	Unknown	0	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	0	0
Confirmed	0-9	Unknown	Unknown	Suppressed	0
Confirmed	10-19	Unknown	Unknown	9	0
Confirmed	20-29	Unknown	Unknown	21	0
Confirmed	30-39	Unknown	Unknown	19	0
Confirmed	40-49	Unknown	Unknown	24	0
Confirmed	50-59	Unknown	Unknown	23	0
Confirmed	60-69	Unknown	Unknown	10	0

Confirmed	70-79	Unknown	Unknown	6	0
Confirmed	80+	Unknown	Unknown	17	0
Confirmed	Unknown	Unknown	Unknown	6	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	Suppressed	0
Confirmed	20-29	White	Unknown	6	0
Confirmed	30-39	White	Unknown	6	0
Confirmed	40-49	White	Unknown	Suppressed	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	Suppressed	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	7	0
Probable	20-29	Asian/Pacific Islander	Female	20	0
Probable	30-39	Asian/Pacific Islander	Female	18	0
Probable	40-49	Asian/Pacific Islander	Female	6	0
Probable	50-59	Asian/Pacific Islander	Female	11	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	20	0
Probable	10-19	Black/African American	Female	38	0
Probable	20-29	Black/African American	Female	105	0
Probable	30-39	Black/African American	Female	88	0
Probable	40-49	Black/African American	Female	117	Suppressed
Probable	50-59	Black/African American	Female	121	6
Probable	60-69	Black/African American	Female	107	11
Probable	70-79	Black/African American	Female	43	8
Probable	80+	Black/African American	Female	27	18
Probable	Unknown	Black/African American	Female	Suppressed	0
Probable	0-9	Multiple Races	Female	9	0
Probable	10-19	Multiple Races	Female	15	0
Probable	20-29	Multiple Races	Female	35	0
Probable	30-39	Multiple Races	Female	20	0
Probable	40-49	Multiple Races	Female	46	0
Probable	50-59	Multiple Races	Female	50	0
Probable	60-69	Multiple Races	Female	33	0

Probable	70-79	Multiple Races	Female	9	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	Suppressed	0
Probable	0-9	Other	Female	18	0
Probable	10-19	Other	Female	28	0
Probable	20-29	Other	Female	27	0
Probable	30-39	Other	Female	35	0
Probable	40-49	Other	Female	26	0
Probable	50-59	Other	Female	21	Suppressed
Probable	60-69	Other	Female	15	Suppressed
Probable	70-79	Other	Female	8	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	34	0
Probable	10-19	Unknown	Female	106	0
Probable	20-29	Unknown	Female	308	0
Probable	30-39	Unknown	Female	270	0
Probable	40-49	Unknown	Female	358	0
Probable	50-59	Unknown	Female	392	0
Probable	60-69	Unknown	Female	322	Suppressed
Probable	70-79	Unknown	Female	135	0
Probable	80+	Unknown	Female	70	Suppressed
Probable	Unknown	Unknown	Female	24	0
Probable	0-9	White	Female	94	0
Probable	10-19	White	Female	166	0
Probable	20-29	White	Female	295	0
Probable	30-39	White	Female	246	0
Probable	40-49	White	Female	284	Suppressed
Probable	50-59	White	Female	342	Suppressed
Probable	60-69	White	Female	228	15
Probable	70-79	White	Female	117	16
Probable	80+	White	Female	88	39
Probable	Unknown	White	Female	23	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	0	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	0	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	10	0
Probable	10-19	Asian/Pacific Islander	Male	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Male	13	0
Probable	30-39	Asian/Pacific Islander	Male	17	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	7	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	0
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	27	0
Probable	10-19	Black/African American	Male	26	0
Probable	20-29	Black/African American	Male	54	0
Probable	30-39	Black/African American	Male	47	0
Probable	40-49	Black/African American	Male	54	7
Probable	50-59	Black/African American	Male	81	6
Probable	60-69	Black/African American	Male	77	15
Probable	70-79	Black/African American	Male	41	21
Probable	80+	Black/African American	Male	15	11
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	11	0
Probable	10-19	Multiple Races	Male	18	0
Probable	20-29	Multiple Races	Male	22	0
Probable	30-39	Multiple Races	Male	28	0
Probable	40-49	Multiple Races	Male	39	0
Probable	50-59	Multiple Races	Male	29	0
Probable	60-69	Multiple Races	Male	17	0
Probable	70-79	Multiple Races	Male	9	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	6	0
Probable	0-9	Other	Male	17	0
Probable	10-19	Other	Male	27	0
Probable	20-29	Other	Male	35	0
Probable	30-39	Other	Male	26	0
Probable	40-49	Other	Male	19	0
Probable	50-59	Other	Male	14	0
Probable	60-69	Other	Male	12	Suppressed
Probable	70-79	Other	Male	7	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	34	0
Probable	10-19	Unknown	Male	107	0
Probable	20-29	Unknown	Male	216	0
Probable	30-39	Unknown	Male	246	Suppressed
Probable	40-49	Unknown	Male	251	Suppressed
Probable	50-59	Unknown	Male	283	0
Probable	60-69	Unknown	Male	220	Suppressed
Probable	70-79	Unknown	Male	91	Suppressed
Probable	80+	Unknown	Male	40	Suppressed
Probable	Unknown	Unknown	Male	19	0
Probable	0-9	White	Male	114	0
Probable	10-19	White	Male	165	0
Probable	20-29	White	Male	239	Suppressed
Probable	30-39	White	Male	189	Suppressed
Probable	40-49	White	Male	193	Suppressed
Probable	50-59	White	Male	254	6
Probable	60-69	White	Male	187	12

Probable	70-79	White	Male	74	9
Probable	80+	White	Male	58	25
Probable	Unknown	White	Male	13	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	0	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	0	0
Probable	0-9	Multiple Races	Unknown	0	0
Probable	10-19	Multiple Races	Unknown	0	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	0	0
Probable	10-19	Other	Unknown	0	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	0	0
Probable	50-59	Other	Unknown	0	0
Probable	60-69	Other	Unknown	0	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	Suppressed	0
Probable	10-19	Unknown	Unknown	Suppressed	0
Probable	20-29	Unknown	Unknown	Suppressed	0
Probable	30-39	Unknown	Unknown	8	0
Probable	40-49	Unknown	Unknown	8	0
Probable	50-59	Unknown	Unknown	7	0
Probable	60-69	Unknown	Unknown	9	0
Probable	70-79	Unknown	Unknown	Suppressed	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	219	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	0	0
Probable	20-29	White	Unknown	Suppressed	0
Probable	30-39	White	Unknown	0	0
Probable	40-49	White	Unknown	Suppressed	0
Probable	50-59	White	Unknown	Suppressed	0
Probable	60-69	White	Unknown	0	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	0	0
Probable	Unknown	White	Unknown	Suppressed	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-08-05

Updated	COUNTY	TestType	Count	RatePerMillion
2020/08/05 13:50:20	Alcona	Diagnostic	1203	115617
2020/08/05 13:50:20	Alcona	Serology	37	3556
2020/08/05 13:50:20	Alcona	Total	1240	119173
2020/08/05 13:50:20	Alger	Diagnostic	601	65986
2020/08/05 13:50:20	Alger	Serology	58	6368
2020/08/05 13:50:20	Alger	Total	659	72354
2020/08/05 13:50:20	Allegan	Diagnostic	17866	151303
2020/08/05 13:50:20	Allegan	Serology	607	5141
2020/08/05 13:50:20	Allegan	Total	18473	156443
2020/08/05 13:50:20	Alpena	Diagnostic	1586	55835
2020/08/05 13:50:20	Alpena	Serology	111	3908
2020/08/05 13:50:20	Alpena	Total	1697	59743
2020/08/05 13:50:20	Antrim	Diagnostic	2514	107786
2020/08/05 13:50:20	Antrim	Serology	69	2958
2020/08/05 13:50:20	Antrim	Total	2583	110744
2020/08/05 13:50:20	Arenac	Diagnostic	2271	152590
2020/08/05 13:50:20	Arenac	Serology	104	6988
2020/08/05 13:50:20	Arenac	Total	2375	159578
2020/08/05 13:50:20	Baraga	Diagnostic	1277	155561
2020/08/05 13:50:20	Baraga	Serology	20	2436
2020/08/05 13:50:20	Baraga	Total	1297	157997
2020/08/05 13:50:20	Barry	Diagnostic	8672	140894
2020/08/05 13:50:20	Barry	Serology	445	7230
2020/08/05 13:50:20	Barry	Total	9117	148123
2020/08/05 13:50:20	Bay	Diagnostic	17445	169162
2020/08/05 13:50:20	Bay	Serology	1013	9823
2020/08/05 13:50:20	Bay	Total	18458	178985
2020/08/05 13:50:20	Benzie	Diagnostic	2018	113588
2020/08/05 13:50:20	Benzie	Serology	40	2251
2020/08/05 13:50:20	Benzie	Total	2058	115839
2020/08/05 13:50:20	Berrien	Serology	1496	9752
2020/08/05 13:50:20	Berrien	Diagnostic	37355	243512
2020/08/05 13:50:20	Berrien	Total	38851	253264
2020/08/05 13:50:20	Branch	Diagnostic	4328	99455
2020/08/05 13:50:20	Branch	Serology	122	2804
2020/08/05 13:50:20	Branch	Total	4450	102259
2020/08/05 13:50:20	Calhoun	Diagnostic	25196	187807
2020/08/05 13:50:20	Calhoun	Serology	574	4279
2020/08/05 13:50:20	Calhoun	Total	25770	192086
2020/08/05 13:50:20	Cass	Diagnostic	5566	107479
2020/08/05 13:50:20	Cass	Serology	179	3456
2020/08/05 13:50:20	Cass	Total	5745	110935
2020/08/05 13:50:20	Charlevoix	Serology	293	11208
2020/08/05 13:50:20	Charlevoix	Diagnostic	3208	122710
2020/08/05 13:50:20	Charlevoix	Total	3501	133917
2020/08/05 13:50:20	Cheboygan	Serology	158	6251
2020/08/05 13:50:20	Cheboygan	Diagnostic	1861	73627

2020/08/05 13:50:20	Cheboygan	Total	2019	79878
2020/08/05 13:50:20	Chippewa	Diagnostic	2959	79226
2020/08/05 13:50:20	Chippewa	Serology	74	1981
2020/08/05 13:50:20	Chippewa	Total	3033	81207
2020/08/05 13:50:20	Clare	Serology	179	5784
2020/08/05 13:50:20	Clare	Diagnostic	2884	93183
2020/08/05 13:50:20	Clare	Total	3063	98966
2020/08/05 13:50:20	Clinton	Diagnostic	10770	135310
2020/08/05 13:50:20	Clinton	Serology	2176	27338
2020/08/05 13:50:20	Clinton	Total	12946	162648
2020/08/05 13:50:20	Correctional	Serology	8505	
2020/08/05 13:50:20	Correctional	Diagnostic	59334	
2020/08/05 13:50:20	Correctional	Total	67839	
2020/08/05 13:50:20	Crawford	Diagnostic	1493	106422
2020/08/05 13:50:20	Crawford	Serology	47	3350
2020/08/05 13:50:20	Crawford	Total	1540	109773
2020/08/05 13:50:20	Delta	Diagnostic	4760	133020
2020/08/05 13:50:20	Delta	Serology	196	5477
2020/08/05 13:50:20	Delta	Total	4956	138498
2020/08/05 13:50:20	Detroit City	Serology	10816	16645
2020/08/05 13:50:20	Detroit City	Diagnostic	174039	267833
2020/08/05 13:50:20	Detroit City	Total	184855	284478
2020/08/05 13:50:20	Dickinson	Diagnostic	2053	81342
2020/08/05 13:50:20	Dickinson	Serology	61	2417
2020/08/05 13:50:20	Dickinson	Total	2114	83759
2020/08/05 13:50:20	Eaton	Serology	3294	29873
2020/08/05 13:50:20	Eaton	Diagnostic	22731	206143
2020/08/05 13:50:20	Eaton	Total	26025	236016
2020/08/05 13:50:20	Emmet	Diagnostic	3894	116534
2020/08/05 13:50:20	Emmet	Serology	694	20769
2020/08/05 13:50:20	Emmet	Total	4588	137304
2020/08/05 13:50:20	Genesee	Serology	8809	21707
2020/08/05 13:50:20	Genesee	Diagnostic	53159	130994
2020/08/05 13:50:20	Genesee	Total	61968	152701
2020/08/05 13:50:20	Gladwin	Diagnostic	3153	123895
2020/08/05 13:50:20	Gladwin	Serology	107	4204
2020/08/05 13:50:20	Gladwin	Total	3260	128099
2020/08/05 13:50:20	Gogebic	Diagnostic	3085	220751
2020/08/05 13:50:20	Gogebic	Serology	31	2218
2020/08/05 13:50:20	Gogebic	Total	3116	222970
2020/08/05 13:50:20	Grand Traverse	Diagnostic	11888	127707
2020/08/05 13:50:20	Grand Traverse	Serology	354	3803
2020/08/05 13:50:20	Grand Traverse	Total	12242	131510
2020/08/05 13:50:20	Gratiot	Serology	303	7443
2020/08/05 13:50:20	Gratiot	Diagnostic	7020	172435
2020/08/05 13:50:20	Gratiot	Total	7323	179878
2020/08/05 13:50:20	Hillsdale	Diagnostic	6014	131872
2020/08/05 13:50:20	Hillsdale	Serology	187	4100
2020/08/05 13:50:20	Hillsdale	Total	6201	135972
2020/08/05 13:50:20	Houghton	Serology	69	1934

2020/08/05 13:50:20	Houghton	Diagnostic	4110	115178
2020/08/05 13:50:20	Houghton	Total	4179	117111
2020/08/05 13:50:20	Huron	Diagnostic	5031	162390
2020/08/05 13:50:20	Huron	Serology	215	6940
2020/08/05 13:50:20	Huron	Total	5246	169330
2020/08/05 13:50:20	Ingham	Diagnostic	63040	215591
2020/08/05 13:50:20	Ingham	Serology	10789	36897
2020/08/05 13:50:20	Ingham	Total	73829	252488
2020/08/05 13:50:20	Ionia	Serology	848	13107
2020/08/05 13:50:20	Ionia	Diagnostic	10879	168153
2020/08/05 13:50:20	Ionia	Total	11727	181260
2020/08/05 13:50:20	Iosco	Diagnostic	4173	166076
2020/08/05 13:50:20	Iosco	Serology	106	4219
2020/08/05 13:50:20	Iosco	Total	4279	170295
2020/08/05 13:50:20	Iron	Diagnostic	1589	143593
2020/08/05 13:50:20	Iron	Serology	15	1356
2020/08/05 13:50:20	Iron	Total	1604	144948
2020/08/05 13:50:20	Isabella	Serology	390	5582
2020/08/05 13:50:20	Isabella	Diagnostic	6403	91639
2020/08/05 13:50:20	Isabella	Total	6793	97221
2020/08/05 13:50:20	Jackson	Serology	1145	7224
2020/08/05 13:50:20	Jackson	Diagnostic	33479	211211
2020/08/05 13:50:20	Jackson	Total	34624	218434
2020/08/05 13:50:20	Kalamazoo	Serology	1956	7379
2020/08/05 13:50:20	Kalamazoo	Diagnostic	42000	158451
2020/08/05 13:50:20	Kalamazoo	Total	43956	165830
2020/08/05 13:50:20	Kalkaska	Diagnostic	2706	150017
2020/08/05 13:50:20	Kalkaska	Serology	25	1386
2020/08/05 13:50:20	Kalkaska	Total	2731	151403
2020/08/05 13:50:20	Kent	Serology	10366	15779
2020/08/05 13:50:20	Kent	Diagnostic	138526	210861
2020/08/05 13:50:20	Kent	Total	148892	226640
2020/08/05 13:50:20	Keweenaw	Diagnostic	276	130435
2020/08/05 13:50:20	Keweenaw	Serology	9	4253
2020/08/05 13:50:20	Keweenaw	Total	285	134688
2020/08/05 13:50:20	Lake	Serology	80	6749
2020/08/05 13:50:20	Lake	Diagnostic	2148	181220
2020/08/05 13:50:20	Lake	Total	2228	187969
2020/08/05 13:50:20	Lapeer	Diagnostic	8850	101019
2020/08/05 13:50:20	Lapeer	Serology	1315	15010
2020/08/05 13:50:20	Lapeer	Total	10165	116030
2020/08/05 13:50:20	Leelanau	Serology	75	3447
2020/08/05 13:50:20	Leelanau	Diagnostic	2056	94481
2020/08/05 13:50:20	Leelanau	Total	2131	97927
2020/08/05 13:50:20	Lenawee	Serology	596	6054
2020/08/05 13:50:20	Lenawee	Diagnostic	11342	115205
2020/08/05 13:50:20	Lenawee	Total	11938	121258
2020/08/05 13:50:20	Livingston	Diagnostic	29821	155322
2020/08/05 13:50:20	Livingston	Serology	3600	18750
2020/08/05 13:50:20	Livingston	Total	33421	174072

2020/08/05 13:50:20	Luce	Serology	14	2248
2020/08/05 13:50:20	Luce	Diagnostic	359	57634
2020/08/05 13:50:20	Luce	Total	373	59881
2020/08/05 13:50:20	Mackinac	Serology	36	3334
2020/08/05 13:50:20	Mackinac	Diagnostic	943	87323
2020/08/05 13:50:20	Mackinac	Total	979	90657
2020/08/05 13:50:20	Macomb	Diagnostic	134876	154325
2020/08/05 13:50:20	Macomb	Serology	22774	26058
2020/08/05 13:50:20	Macomb	Total	157650	180383
2020/08/05 13:50:20	Manistee	Diagnostic	2245	91416
2020/08/05 13:50:20	Manistee	Serology	103	4194
2020/08/05 13:50:20	Manistee	Total	2348	95610
2020/08/05 13:50:20	Marquette	Diagnostic	14519	217679
2020/08/05 13:50:20	Marquette	Serology	687	10300
2020/08/05 13:50:20	Marquette	Total	15206	227979
2020/08/05 13:50:20	Mason	Diagnostic	5676	194757
2020/08/05 13:50:20	Mason	Serology	205	7034
2020/08/05 13:50:20	Mason	Total	5881	201791
2020/08/05 13:50:20	Mecosta	Diagnostic	6215	143028
2020/08/05 13:50:20	Mecosta	Serology	240	5523
2020/08/05 13:50:20	Mecosta	Total	6455	148551
2020/08/05 13:50:20	Menominee	Diagnostic	1752	76910
2020/08/05 13:50:20	Menominee	Serology	32	1405
2020/08/05 13:50:20	Menominee	Total	1784	78314
2020/08/05 13:50:20	Midland	Serology	670	8057
2020/08/05 13:50:20	Midland	Diagnostic	8421	101267
2020/08/05 13:50:20	Midland	Total	9091	109325
2020/08/05 13:50:20	Missaukee	Diagnostic	1636	108215
2020/08/05 13:50:20	Missaukee	Serology	61	4035
2020/08/05 13:50:20	Missaukee	Total	1697	112250
2020/08/05 13:50:20	Monroe	Diagnostic	17714	117701
2020/08/05 13:50:20	Monroe	Serology	2128	14140
2020/08/05 13:50:20	Monroe	Total	19842	131841
2020/08/05 13:50:20	Montcalm	Serology	645	10096
2020/08/05 13:50:20	Montcalm	Diagnostic	11092	173616
2020/08/05 13:50:20	Montcalm	Total	11737	183712
2020/08/05 13:50:20	Montmorency	Diagnostic	787	84370
2020/08/05 13:50:20	Montmorency	Serology	66	7075
2020/08/05 13:50:20	Montmorency	Total	853	91445
2020/08/05 13:50:20	Muskegon	Diagnostic	38976	224560
2020/08/05 13:50:20	Muskegon	Serology	853	4915
2020/08/05 13:50:20	Muskegon	Total	39829	229475
2020/08/05 13:50:20	Newaygo	Serology	384	7840
2020/08/05 13:50:20	Newaygo	Diagnostic	8292	169294
2020/08/05 13:50:20	Newaygo	Total	8676	177134
2020/08/05 13:50:20	Oakland	Serology	49938	39709
2020/08/05 13:50:20	Oakland	Diagnostic	201619	160322
2020/08/05 13:50:20	Oakland	Total	251557	200032
2020/08/05 13:50:20	Oceana	Serology	187	7065
2020/08/05 13:50:20	Oceana	Diagnostic	7110	268636

2020/08/05 13:50:20	Oceana	Total	7297	275702
2020/08/05 13:50:20	Ogemaw	Diagnostic	2157	102729
2020/08/05 13:50:20	Ogemaw	Serology	71	3381
2020/08/05 13:50:20	Ogemaw	Total	2228	106110
2020/08/05 13:50:20	Ontonagon	Diagnostic	1141	199476
2020/08/05 13:50:20	Ontonagon	Serology	11	1923
2020/08/05 13:50:20	Ontonagon	Total	1152	201399
2020/08/05 13:50:20	Osceola	Diagnostic	4639	197741
2020/08/05 13:50:20	Osceola	Serology	118	5030
2020/08/05 13:50:20	Osceola	Total	4757	202771
2020/08/05 13:50:20	Oscoda	Serology	14	1699
2020/08/05 13:50:20	Oscoda	Diagnostic	755	91615
2020/08/05 13:50:20	Oscoda	Total	769	93314
2020/08/05 13:50:20	Otsego	Diagnostic	2110	85536
2020/08/05 13:50:20	Otsego	Serology	217	8797
2020/08/05 13:50:20	Otsego	Total	2327	94333
2020/08/05 13:50:20	Ottawa	Diagnostic	55547	190340
2020/08/05 13:50:20	Ottawa	Serology	3018	10342
2020/08/05 13:50:20	Ottawa	Total	58565	200682
2020/08/05 13:50:20	Presque Isle	Diagnostic	942	74809
2020/08/05 13:50:20	Presque Isle	Serology	100	7942
2020/08/05 13:50:20	Presque Isle	Total	1042	82751
2020/08/05 13:50:20	Roscommon	Diagnostic	2760	114909
2020/08/05 13:50:20	Roscommon	Serology	227	9451
2020/08/05 13:50:20	Roscommon	Total	2987	124360
2020/08/05 13:50:20	Saginaw	Serology	1008	5290
2020/08/05 13:50:20	Saginaw	Diagnostic	41183	216139
2020/08/05 13:50:20	Saginaw	Total	42191	221430
2020/08/05 13:50:20	Sanilac	Diagnostic	6030	146466
2020/08/05 13:50:20	Sanilac	Serology	381	9254
2020/08/05 13:50:20	Sanilac	Total	6411	155720
2020/08/05 13:50:20	Schoolcraft	Diagnostic	608	75117
2020/08/05 13:50:20	Schoolcraft	Serology	29	3583
2020/08/05 13:50:20	Schoolcraft	Total	637	78700
2020/08/05 13:50:20	Shiawassee	Diagnostic	8355	122648
2020/08/05 13:50:20	Shiawassee	Serology	1179	17307
2020/08/05 13:50:20	Shiawassee	Total	9534	139955
2020/08/05 13:50:20	St Clair	Diagnostic	18964	119175
2020/08/05 13:50:20	St Clair	Serology	3373	21197
2020/08/05 13:50:20	St Clair	Total	22337	140371
2020/08/05 13:50:20	St Joseph	Diagnostic	9597	157421
2020/08/05 13:50:20	St Joseph	Serology	444	7283
2020/08/05 13:50:20	St Joseph	Total	10041	164704
2020/08/05 13:50:20	Tuscola	Diagnostic	10669	204211
2020/08/05 13:50:20	Tuscola	Serology	432	8269
2020/08/05 13:50:20	Tuscola	Total	11101	212480
2020/08/05 13:50:20	Unknown	Diagnostic	191404	
2020/08/05 13:50:20	Unknown	Serology	18717	
2020/08/05 13:50:20	Unknown	Total	210121	
2020/08/05 13:50:20	Van Buren	Diagnostic	14267	188525

2020/08/05 13:50:20	Van Buren	Serology	413	5457
2020/08/05 13:50:20	Van Buren	Total	14680	193982
2020/08/05 13:50:20	Washtenaw	Serology	7624	20740
2020/08/05 13:50:20	Washtenaw	Diagnostic	74460	202557
2020/08/05 13:50:20	Washtenaw	Total	82084	223296
2020/08/05 13:50:20	Wayne	Diagnostic	224421	203315
2020/08/05 13:50:20	Wayne	Serology	32759	29678
2020/08/05 13:50:20	Wayne	Total	257180	232993
2020/08/05 13:50:20	Wexford	Serology	103	3063
2020/08/05 13:50:20	Wexford	Diagnostic	4621	137403
2020/08/05 13:50:20	Wexford	Total	4724	140466

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-08-05

MessageDate	COUNTY	Negative	Positive	Total
8/4/2020	Alcona	20	0	20
8/4/2020	Alger	8	0	8
8/4/2020	Allegan	312	1	313
8/4/2020	Alpena	17	1	18
8/4/2020	Antrim	41	1	42
8/4/2020	Arenac	17	0	17
8/4/2020	Baraga	17	0	17
8/4/2020	Barry	109	1	110
8/4/2020	Bay	238	8	246
8/4/2020	Benzie	30	0	30
8/4/2020	Berrien	596	13	609
8/4/2020	Branch	39	12	51
8/4/2020	Calhoun	309	5	314
8/4/2020	Cass	97	8	105
8/4/2020	Charlevoix	35	0	35
8/4/2020	Cheboygan	26	0	26
8/4/2020	Chippewa	80	1	81
8/4/2020	Clare	34	0	34
8/4/2020	Clinton	201	1	202
8/4/2020	Correctional	299	53	352
8/4/2020	Crawford	28	0	28
8/4/2020	Delta	35	0	35
8/4/2020	Detroit City	1477	39	1516
8/4/2020	Dickinson	38	0	38
8/4/2020	Eaton	370	8	378
8/4/2020	Emmet	40	2	42
8/4/2020	Genesee	818	23	841
8/4/2020	Gladwin	114	2	116
8/4/2020	Gogebic	23	2	25
8/4/2020	Grand Traverse	207	0	207
8/4/2020	Gratiot	88	1	89
8/4/2020	Hillsdale	84	1	85
8/4/2020	Houghton	144	1	145
8/4/2020	Huron	71	1	72
8/4/2020	Ingham	862	18	880
8/4/2020	Ionia	177	5	182
8/4/2020	Iosco	37	1	38
8/4/2020	Iron	100	1	101
8/4/2020	Isabella	72	1	73
8/4/2020	Jackson	487	13	500
8/4/2020	Kalamazoo	665	13	678
8/4/2020	Kalkaska	138	1	139
8/4/2020	Kent	2101	40	2141
8/4/2020	Keweenaw	9	0	9
8/4/2020	Lake	37	0	37
8/4/2020	Lapeer	126	26	152
8/4/2020	Leelanau	35	0	35

8/4/2020	Lenawee	136	4	140
8/4/2020	Livingston	524	2	526
8/4/2020	Luce	1	1	2
8/4/2020	Mackinac	5	0	5
8/4/2020	Macomb	1850	119	1969
8/4/2020	Manistee	42	0	42
8/4/2020	Marquette	201	1	202
8/4/2020	Mason	80	0	80
8/4/2020	Mecosta	130	3	133
8/4/2020	Menominee	6	0	6
8/4/2020	Midland	61	3	64
8/4/2020	Missaukee	66	0	66
8/4/2020	Monroe	310	8	318
8/4/2020	Montcalm	195	0	195
8/4/2020	Montmorency	19	0	19
8/4/2020	Muskegon	681	10	691
8/4/2020	Newaygo	121	0	121
8/4/2020	Oakland	3048	145	3193
8/4/2020	Oceana	87	0	87
8/4/2020	Ogemaw	164	0	164
8/4/2020	Ontonagon	36	3	39
8/4/2020	Osceola	103	0	103
8/4/2020	Oscoda	18	0	18
8/4/2020	Otsego	42	0	42
8/4/2020	Ottawa	920	17	937
8/4/2020	Presque Isle	18	1	19
8/4/2020	Roscommon	50	2	52
8/4/2020	Saginaw	479	27	506
8/4/2020	Sanilac	61	2	63
8/4/2020	Shiawassee	103	4	107
8/4/2020	St Clair	259	11	270
8/4/2020	St Joseph	150	5	155
8/4/2020	Tuscola	188	5	193
8/4/2020	Unknown	1581	30	1611
8/4/2020	Van Buren	222	7	229
8/4/2020	Washtenaw	1377	37	1414
8/4/2020	Wayne	3156	154	3310
8/4/2020	Wexford	222	0	222